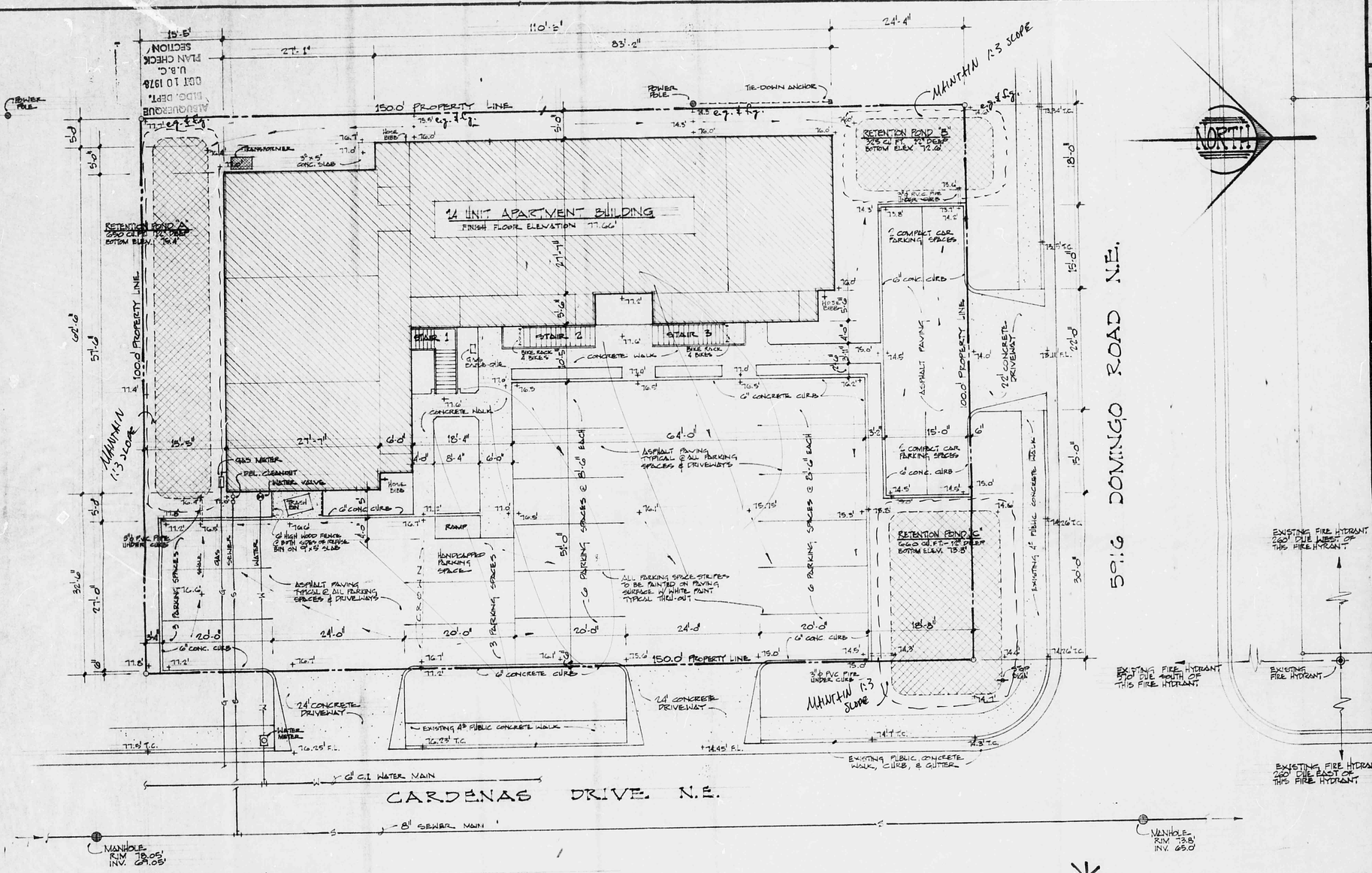
HYDROLOGY

K18/D29
THREE PLANS



SITE PLAN

SCALE 1" = 10'

•• PROJECT DATA ••

14 UNIT APARTMENT COMPLEX

ADDRESS: 59.16 DOMINGO ROAD N.E.

LEGAL DESCRIPTION: LOT A, BLOCK 4, SANTILLA PLACE, ALBUQUERQUE, NEW MEXICO

ZONING: C-3 W/ CONDITIONAL USE FOR R-2 # Z A 78 - AUGUST, 1978

ZONE ATLAS PAGE K-18

FIRE ZONE: 3

SEISMIC ZONE: 2

OCCUPANCY GROUP: R-1

TYPE OF CONSTRUCTION: V-N

BUILDING AREA: 7496 SQ. FT.

COVERED AREA: 9177 SQ. FT.

LOT AREA: 15,000 SQ. FT.

FLOOR AREA RATIO: .5 [0.5 IS MAX. PERMITTED]

OPEN AREA: 5749 SQ. FT. [5400 SQ. FT. REQ'D]

PARKING: 22 CARS TOTAL [21 REQ'D - 1½ SPACE x 14 APTS] INCLUDING ONE HANDICAPPED SPACE & SIX COMPACT CAR SPACES

8 BICYCLES IN TWO RACKS FOR 4 BIKES EACH

DESIGN LOADS:

ROOF — 15 P.S.F. LIVE / 15 P.S.F. DEAD

FLOOR — 40 P.S.F. LIVE / 10 P.S.F. DEAD

WIND — 25 P.S.F.

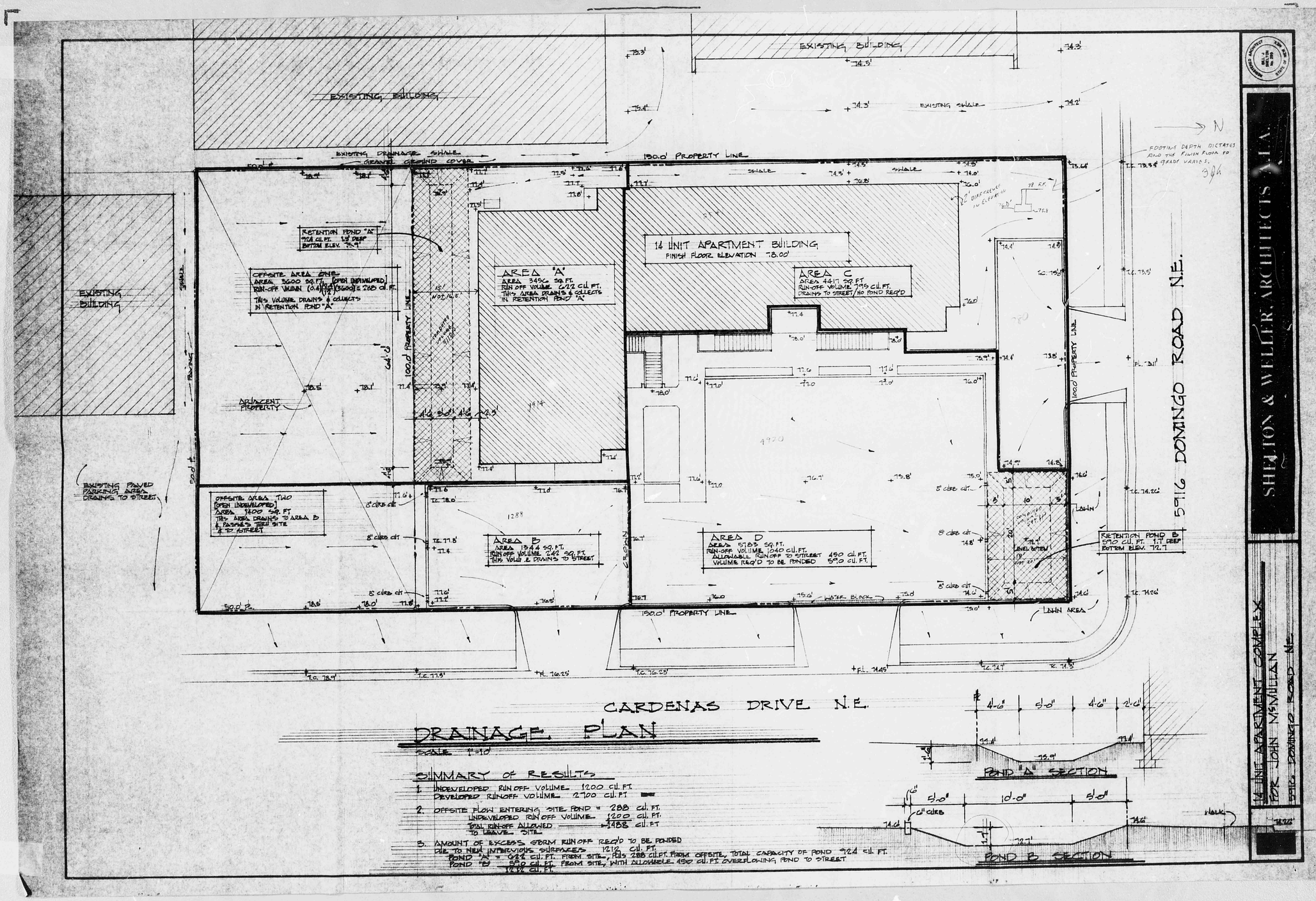
* EXTRA COPY FOR DRAINAGE DEPARTMENT

K18/D29 (2)

SHELTON & WELLER, ARCHITECTS A.I.A.

14 UNIT APARTMENT COMPLEX FOR JOHN MEDULLAN 59.16 DOMINGO ROAD N.E.

1 OF 6



DRAINAGE PLAN

SCALE 1:40

SUMMARY OF RESULTS

1. UNDEVELOPED RUN OFF VOLUME 1200 CU. FT.
   DEVELOPED RUNOFF VOLUME 2700 CU. FT.
2. OFFSITE FLOW ENTERING SITE POND = 288 CU. FT.
   UNDEVELOPED RUN OFF VOLUME 1200 CU. FT.
   TOTAL RUN-OFF ALLOWED TO LEAVE SITE 1488 CU. FT.
3. AMOUNT OF EXCESS STORM RUN OFF REQ'D TO BE PONDED DUE TO NEW IMPERVIOUS SURFACES 1212 CU. FT.
   POND "A" = 924 CU. FT. FROM SITE, PLUS 288 CU. FT. FROM OFFSITE, TOTAL CAPACITY OF POND 924 CU. FT.
   POND "B" 590 CU. FT. FROM SITE, WITH ALLOWABLE 450 CU. FT. OVERFLOWING POND TO STREET
   1212 CU. FT.

K18/D39
ALVARADO
DOMINGO
LAGUNA
SAN PEDRO
CENTRAL
MUNICIPAL
AVE.
DR.
RD.